

ABSTRACT OF THE DISCLOSURE

A system operable to detect voltages within an electrical device and provide an output based on the voltages detected by the system. The electrical device may comprise an isolation switch adapted to selectively isolate the electrical device from an electrical bus.

5 The system may be operable to detect voltage data in the electrical bus and the electrical device downstream of the isolation switch. The system may provide an indication that voltage is detected in the electrical bus, but that no hazardous voltages are detected within the electrical device downstream of the isolation switch. The system may be adapted to produce a plurality of outputs based on the voltage data detected on the electrical bus and in
10 the electrical device downstream of the isolation switch.